

ADDITIONAL ABBREVIATIONS OF MOSQUITO SUBGENERA: NAMES ESTABLISHED SINCE 1982 (DIPTERA: CULICIDAE)

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ABSTRACT. Abbreviations for 12 subgenera of Culicidae established since the last list in 1982 are included.

Reinert (1975) proposed a list of abbreviations for 34 genera (two letters) and 119 subgenera (three letters) of the family Culicidae. In 1982 he provided an update to this list and included abbreviations for three additional genera and five subgenera. Since the latter list the following 12 subgenera have been described as new, resurrected from synonymy, or have received other treatment (some had abbreviations proposed): *Neomacleaya*¹ Theobald (*Nma* proposed by Tsukamoto et al. 1985); *Scutomyia* Theobald (*Scu* proposed by Reinert 1985); *Zinzala* Zavortink (1985); *Albuginosus* Reinert (*Alb* proposed by Reinert 1987); *Afrocullex* Danilov and *Kitzmilleria* Danilov (1990); *Caenomyiella* Harbach and Peyton (*Cae* proposed by Harbach and Peyton 1990); *Kenknighthia* Reinert (*Ken* proposed by Reinert 1990); *Sinoaedes* Gong and Lu (1991); *Peytonulus* Harbach (*Pey* proposed by Harbach 1991); *Exallomyia* Harbach and Peyton (*Exm* proposed by Harbach and Peyton 1992); and *Afrorhynchus* Ribeiro (*Afr* proposed by Ribeiro 1992).

Abbreviations of Subgenera of Culicidae

<i>Afrocullex</i>	= <i>Afc</i> (genus <i>Culex</i>)
<i>Afrorhynchus</i>	= <i>Afr</i> (genus <i>Toxorhynchites</i>)
<i>Albuginosus</i>	= <i>Alb</i> (genus <i>Aedes</i>)
<i>Caenomyiella</i>	= <i>Cae</i> (genus <i>Wyeomyia</i>)
<i>Exallomyia</i>	= <i>Exm</i> (genus <i>Wyeomyia</i>)
<i>Kenknighthia</i>	= <i>Ken</i> (genus <i>Aedes</i>)
<i>Kitzmilleria</i>	= <i>Kit</i> (genus <i>Culex</i>)
<i>Neomacleaya</i>	= <i>Nma</i> (genus <i>Aedes</i>)
<i>Peytonulus</i>	= <i>Pey</i> (genus <i>Sabethes</i>)
<i>Scutomyia</i>	= <i>Scu</i> (genus <i>Aedes</i>)
<i>Sinoaedes</i>	= <i>Sin</i> (genus <i>Aedes</i>)
<i>Zinzala</i>	= <i>Zin</i> (genus <i>Wyeomyia</i>)

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REFERENCES CITED

- Danilov, V.N. 1990. Two new Afrotropical subgenera of the mosquito genus *Culex* (Diptera, Culicidae). *Entomol. Rev.* 69:112-120 (originally published in *Entomol. Obozr.*, 1989, No. 4, pp. 790-797).
- Gong, Zhengda and Baolin Lu. 1991. A new subgenus and species of the *Aedes* (Diptera: Culicidae) from Yunnan, China. *Entomotaxonomia* 13:55-59 (in Chinese).
- Harbach, R.E. 1991. A new subgenus of the genus *Sabethes* (Diptera: Culicidae). *Mosq. Syst.* 23:1-9.
- Harbach, R.E. and E.L. Peyton. 1990. A new

¹ *Neomacleaya* is a synonym of *Verrallina* Theobald (see Reinert 1974).

- subgenus in *Wyeomyia* (Diptera: Culicidae), with the reclassification and redescription of the type species, *Sabethes fernandezyepezi*. Mosq. Syst. 22:15–23.
- Harbach, R.E. and E.L. Peyton. 1992. A new subgenus of *Wyeomyia* (Diptera: Culicidae), with the reclassification and redescription of *Wyeomyia* (*Davismyia*) *arbores*, *Wyeomyia* (*Dendromyia*) *tarsata* and *Sabethes* (*Sabethes*) *carrilloi*. Mosq. Syst. (1991) 23:92–109.
- Reinert, J.F. 1974. Medical entomology studies—I. A new interpretation of the subgenus *Verrallina* of the genus *Aedes* (Diptera: Culicidae). Contrib. Am. Entomol. Inst. (Ann Arbor) 11(1):1–249.
- Reinert, J.F. 1975. Mosquito generic and subgeneric abbreviations (Diptera: Culicidae). Mosq. Syst. 7:105–110.
- Reinert, J.F. 1982. Abbreviations for mosquito generic and subgeneric taxa established since 1975 (Diptera: Culicidae). Mosq. Syst. 14:124–126.
- Reinert, J.F. 1985. A description of *Scuto-myia*, a subgenus resurrected from the *Al-bolineatus* Group of the genus *Aedes* (Diptera: Culicidae). Mosq. Syst. 17:121–131.
- Reinert, J.F. 1987. *Albuginosus*, a new subgenus of *Aedes* Meigen (Diptera: Culicidae) described from the Afrotropical Region. Mosq. Syst. (1986) 18:307–326.
- Reinert, J.F. 1990. Medical entomology studies—XVII. Biosystematics of *Kenknightsia*, a new subgenus of the mosquito genus *Aedes* Meigen from the Oriental Region (Diptera: Culicidae). Contrib. Am. Entomol. Inst. (Gainesville) 26(2):1–119.
- Ribeiro, H. 1992. Research on the mosquito subfamily Toxorhynchitinae (Diptera, Culicidae) II—description of the Afrotropical subgenus *Afrorhynchus* subg. nov. Mosq. Syst. 23:195–198.
- Tsukamoto, M., I. Miyagi and T. Toma. 1985. A revised checklist of the Philippine mosquitoes. Trop. Biomed. 2:149–160.
- Zavortink, T.J. 1985. *Zinzala*, a new subgenus of *Wyeomyia* with two new species from pitcher-plants in Venezuela (Diptera, Culicidae, Sabethini). Wasmann J. Biol. 43:46–59.